



2831

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

MAREIKE KLEE ET AL

PHD 99,046

Serial No.: 09/541,765

Group Art Unit: 2831

Filed: APRIL 3, 2000

Examiner: E. THOMAS

Title: VOLTAGE-DEPENDANT THIN-FILM CAPACITOR

#8/B
DEVANS
8/22/01

Commissioner for Patents
Washington, D.C. 20231

AMENDMENT

Sir:

Responsive to the Office Action dated May 15, 2001, please
amend the above-identified case as follows:

IN THE SPECIFICATION

The invention relates to a ceramic passive component which
comprises a carrier substrate, at least a first electrode disposed
thereon, at least a dielectric disposed thereon, and at least a
second electrode disposed thereon. The invention also relates to
components in which at least one ceramic passive component with the
above construction is used.

Variable-capacitance diodes (also called varicaps) are
diodes in which the voltage dependence of a pn junction is utilized
in practice. Each pn junction forms a capacitor with the p- and the